# **Erratum: Thermodynamic Properties of Ammonia**

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Lester Harr, and John S. Gallagher





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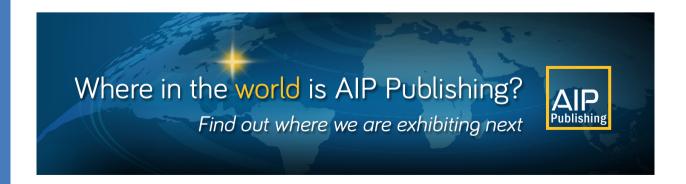
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### Errata

## **Erratum: Thermodynamic Properties of Ammonia**

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#### Lester Harr and John S. Gallagher

National Measurement Laboratory, National Bureau of Standards, Washington, D.C. 20234

## Appendix A:

- 1. Column headed "Free energy, G/RT." Entries should be increased by  $0.572 + \ln T$ .
- Columns headed "Isothermal compressibility." Values tabulated refer to the units "reciprocal atmospheres." To obtain values in units of "reciprocal bars" the entries should be multiplied by 1/1.01325.
- 3. Column headed " $(dP/dT)\rho$ ." The correct column heading should be "dP/dT." Values tabulated refer to units "atm/K." To obtain values in units of "bar/K" the tabulated values should be multiplied by 1.01325.

## Appendix B:

- Column headed "Isothermal compression." The heading should read "Isothermal Compressibility." The entries refer to units of "reciprocal atmospheres." To obtain values in units of "reciprocal bars" the entries should be multiplied by 1/1.01325.
- 2. The tabulated values on the row referring to P=100 bar and T=400 K (p. 749) should be replaced by:

400 8.9767 .11140 8.8470 387.59 297.82 15.7674 2.9991 .0317

#### Text:

1. P. 652, following eq (15). The defining relation for A should be:

$$A = \left\{ 1 + \rho Q + \rho^2 \frac{\partial Q}{\partial \rho} - \rho \tau \frac{\partial Q}{\partial \tau} - \rho^2 \tau \frac{\partial^2 Q}{\partial \tau \partial \rho} \right\}^2.$$

2. P. 661, following eq (8a). The defining relation for  $\alpha$  should be:

$$\alpha \equiv A$$
,

where A is defined in item 1, immediately above.

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